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FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
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 Patent and Trademark Office

Atty. Dkt. M# Client Ref.

056291-5041

Z70472

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

FEB 24 2003

Page

1

of 6

Date: February 24, 2003

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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
BRM	AR 3,557,142	01/1971	Bell			
	BR 3,776,923	12/1973	Remers et al.			
	CR 3,997,557	12/1976	Helsley et al.			
	DR 4,608,384	08/1986	Wierzbicki et al.			
	ER 4,529,724	07/1985	Ho.			
	FR 4,721,725	01/1988	Biller et al.			
	GR 4,751,231	06/1998	Halczenko et al.			
	HR 4,965,369	10/1990	Maetzel et al.			
	IR 5,190,968	03/1993	Gillard et al.			
BRM	JR 5,254,563	10/1993	Huth et al.			

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		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available	
						Enclosed	No	Enclose
BRM	KR 298 913 A5	03/1992	DE	Liebscher et al.		X		X
	LR 0 077 209	04/1983	EPA	Smith				
	MR 0 114 014	07/1984	EPA	Wierzbicki et al.			X	X
	NR 0 186 367	07/1986	EPA	Connor et al.				
	OR 0 189 690	08/1986	EPA	Baldwin et al.				
	PR 0 275 667	07/1998	EPA	Gillard et al.				
	QR 0 419 049 A1	03/1991	EPA	Prasit et al.				
	RR 0 480 659 A2	04/1992	EPA	Nakashima et al.				
BRM	SR 0 535 923 A1	04/1993	EPA	Prasit et al.				

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

BRM	TR	Berman et al., "Localization of Monocyte Chemoattractant Peptide-1 ... Autoimmune Encephalomyelitis and Trauma in the Rat", Journal of Immunology, 1996, Vol. 156, pp. 3017-3023; XP002105551 cited in the application, see the whole document		
	UR	Bobošík et al., "Synthesis of N-Phenylsulfonyl Protected Furo[3,2-b]pyrroles", Collect. Czech. Chem. Commun., Vol. 59, 1994, pp. 499-205		
BRM	VR	Kataoka et al., Chemical Abstracts, vol. 123, no. 14, 2 October 1995 Columbus, Ohio, US; abstract no. 179521d, Homopiperazines as cell migration inhibitors." Xp002081582 see abstract & JP 95 145060 A (TEJIN LTD)		

Examiner  Date Considered: 5/21/03

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			056291-5041		Z70472/UST
			Applicant: KETTLE et al.		
			Appln. No.: 09/889,599		
			Filing Date: October 19, 2001		
Date: February 24, 2003			Page 2 of 6	Examiner: Robinson, B.	Group Art Unit: 1614

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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)			Class	Sub Class	Filing Date (if appropriate)
<i>BR</i>	AR 5,272,145	12/1993	Prasit et al.					
	BR 5,273,980	12/1993	Frenette et al.					
	CR 5,288,743	02/1994	Brooks et al.					
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	GR 5,399,699	03/1995	Kolasa et al.					
	HR 5,482,960	01/1996	Berryman et al.					
	IR 5,684,032	11/1997	Elliott et al.					
<i>BR</i>	JR 5,852,046	12/1998	Lang et al.					

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	LR 0 535 925 A1	04/1993	EPA	Hutchinson et al.					
	MR 0 535 926 A1	04/1993	EPA	Hutchinson et al.					
	NR 0 639 573 A1	02/1995	EPA	Lang et al.		X		X	
	OR 0 822 185 A1	02/1998	EPA	Dow et al.					
	PR 2 565 981	12/1985	France	Wierzbicki et al.		X		X	
	QR WO 86/00896	02/1986	WIPO	Gold et al.					
	RR WO 93/12780	07/1993	WIPO	McDonald et al.					
<i>BR</i>	SR WO 93/16069	08/1993	WIPO	Frenette et al.					

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<i>BR</i>	TR	Dandárová et al., "Reference Data", Magnetic Resonance in Chemistry, Vol. 28, 1990, pp. 830-831				
<i>BR</i>	UR	Korobchenko et al., Database Chemabs, Chemical Abstracts Service, Columbus, Ohio, US, AN: 119:62465, XP002105556, see abstract & "Synthesis and antiviral activity of pyrrolecarboxylic acids and their derivatives" KHIM.-FARM.ZH., vol. 26, no. 11-12, 1992, pages 57-59, see the whole document				

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Page 3

of 6

Applicant: KETTLE et al.

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Examiner: Robinson, B. Group Art Unit: 1614

1625

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Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
BMW	AR 5,955,492	09/1999	Thompson et al.			
	BR 6,184,235	02/2001	Connor et al.			
**	CR 6,288,103	09/2001	Faull et al.			
**	DR 6,441,004	08/2002	Faull et al.			
BMW	ER 6,291,507	09/2001	Faull et al.			

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BMW	FR WO 93/20078	10/1993	WIPO	Ayer et al.				
	GR WO 93/25546	12/1993	WIPO	Frenette et al.				
	HR WO 94/14434	07/1994	WIPO	Elliott et al.				
	IR WO 96/03377	02/1996	WIPO	Birdsall et al.				
	JR WO 96/31492	10/1996	WIPO	Chan et al.				
	KR WO 96/33171	10/1996	WIPO	Artico et al.				
BMW	LR WO 97/12613	04/1997	WIPO	Cornicelli et al.				

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	NR	Deleuran et al., "Localization of monocyte chemotactic and activating factor (MCAF/MCP-1) in psoriasis", Journal of Dermatological Science, 1996, Vol. 13(3), pp. 228-236; XP002105554 cited in the application, see the whole document			
	OR	Derwent Abstract for JP 63284177 including Chemical Abstract Registry Records for specific compounds indexed			
	PR	Derwent and Chemical Abstracts for International Patent Application, Publication No. WO 92/04343			
	QR	Derwent World Patents Index record, JAPIO record and Chemical Abstract for Molecules (1997), 2(4), 69-79, including Chemical Abstract Registry records for specific compounds indexed			
BMW	RR	Grimm et al., "Enhanced expression and production of monocyte chemoattractant protein-1 in inflammatory bowel disease mucosa", Journal of Leukocyte Biology, 1996, vol. 59(6) pp. 804-812; XP002105555 cited in the application, see the whole document			

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Date Considered:

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Page 4 of 6					

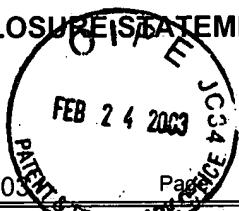
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	BR				
	CR				
	DR				
	ER				

FOREIGN PATENT DOCUMENTS						English Abstract		Translation Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor Name	Enclosed	No	Enclose	No
BMR	FR	WO 97/12615	04/1997	WIPO	Trivedi et al.				
	GR	WO 97/30704	08/1997	WIPO	Amon et al.				
	HR	WO 97/35572	10/1997	WIPO	Thompson et al.				
	IR	WO 99/07678	09/1999	WIPO	Barker et al.				
BMR	JR	WO 99/33800	07/1999	WIPO	Defosse et al.				

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	LR	Hartman et al., "The Synthesis of 5-alkylaminomethylthieno[2,3-b]pyrrole-5-sulfonamides", Heterocycles, Vol. 29, 1989, pp. 1943-1949			
	MR	Satoshi et al., Japanese Abstract N-Phenylsulfonylindole derivatives, JP 04273857 A2			
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	QR	Krutošiková et al., "Derivatives of Furo[3,2-b]pyrrole", Collect. Czech. Chem. Commun., Vol.59, 1994, pp. 473-481			
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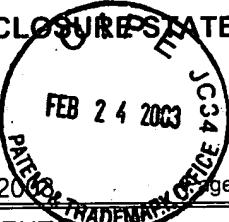


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FOREIGN PATENT DOCUMENTS						English Abstract	Translation Readily Available			
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose	No
** <i>BM</i>	FR	WO 99/40913	08/1999	WIPO	Barker et al.					
** <i>BM</i>	GR	WO99/40914	08/1999	WIPO	Barker et al.					
** <i>BM</i>	HR	WO 00/46198	08/2000	WIPO	Faull et al.					
** <i>BM</i>	IR	W0 00/46197	08/2000	WIPO	Faull et al.					
** <i>BM</i>	JR	W0 00/46199	08/2000	WIPO	Faull et al.					
** <i>BM</i>	KR	W0 00/46195	08/2000	WIPO	Faull et al.					

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	NR	Krutošiková et al., "Substituted Vinyl Azides in the Synthesis of Condensed Nitrogen Heterocycles", Chem. Papers, Vol. 48, 1994, pp. 268-273								
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	PR	Murakami et al., "Direct Regioselective Vinylation of Indoles Using Palladium (II) Chloride", Heterocycles, 1984, Vol. 22, No. 7, pp. 1493-1496								
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<i>BM</i>	RR	Troschütz et al., "Synthesis of Substituted 4-Amino-4-cyano-1-oxo-1,2,5,10-tetrahydroazepinol[3,4-b]indoles", Journal of Heterocyclic Chemistry, Sept.-Oct. 1997, Vol. 34, pp. 1431-1440, XP-000909451								

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AR						
BR						
CR						
DR						
ER						

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** <i>BRN</i>	FR	W0 00/46196	08/2000	WIPO	Faull et al.		
** <i>BRN</i>	GR	WO 01/51467	07/2001	WIPO	Faull et al.		
** <i>BRN</i>	HR	W0 01/51466	07/2001	WIPO	Faull et al.		
	IR						
	JR						

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<i>BRN</i>	KR	Yokoyama et al., "New Synthetic Method for Dehydrotryptophan Derivatives. Synthetic Studies on Indoles and Related Compounds, XXXIV", Chemical and Pharmaceutical Bulletin, 1994, Vol. 42, No. 4, pp. 832-838			
<i>BRN</i>	LR	Yokoyama et al., "Palladium-catalyzed cross-coupling reaction: direct allylation of aryl bromides with allyl acetate" TETRAHEDRON LETTERS., vol. 26, no. 52 – 1985 pages 6457-6460, XP002081581 OXFORD GB * PAGE 6458-6459: compound 7 *			
	MR				
	NR				
	OR				
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